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PROGRESS REPORT ★ SECTION

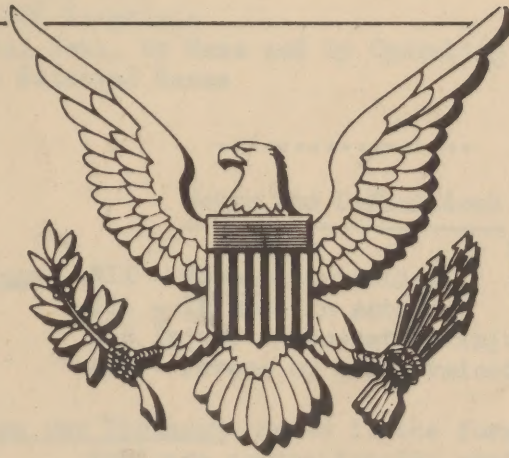
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UNITED STATES ARMY
SERVICES OF SUPPLY
S. W. P. A.



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United States Army
Services of Supply
S.W.P.A.

Progress Report - Section 5

"HEALTH"

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Notes and Definitions

Abbreviations: WIA - Wounded in action
IIA - Injured in action
N-B Injury - Non-battle injury
FUO - Fevers of undetermined origin

Annual Rates per Thousand: Rates in the form of "annual rates per thousand men" are conventionally used in medical statistics and reporting. They serve the purpose of basing observations on a common time-period. Most annual rates in this report are based on observation of a month-long period; such rates can be converted to rough percentages for the month by dividing them by 120.

Crude Death Rates apply to all deaths from all causes among the entire army in the theatre, as distinct from death rates made specific for cause, age, risk, and so on.

Hospital Beds Under Orders, similarly, includes hospital beds committed to movement to a specified zone, and not in operation at their current locations.

Hospital Beds Constructing, as used on Pages 8 and 9, includes only hospital beds not in operation; thus, a hospital which had gone into operation before construction was completed would be shown as "Operating".

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HEALTH OF U.S. ARMY TROOPS IN SWPA

April, 1944

NONEFFECTIVENESS

The estimated mean daily noneffective rate for the SWPA for the month of April showed a slight increase over the month of March. This increase was forecast in the March report based upon the increased admission rate for that month. However, the increase in noneffectiveness was slight which would indicate that the increased admission rate in March was due to minor ailments. Non-battle injuries, neuropsychiatric diseases, malaria and undiagnosed fever remain the four most important causes of noneffectiveness. During the month of April the importance of dengue as a cause of noneffectiveness declined in comparison with common respiratory diseases. Some of the increase in the noneffective rate was due to the accumulation of noneffectives in newly arrived units.

ADMISSIONS TO SICK REPORT

There was a significant decline in admission rates for all causes for the SWPA; this has not been reflected in the noneffective rate because of the accumulation of hospital cases due to long term hospitalization necessary for battle casualties and to an accumulation of noneffectives in recently arrived units. The highest admission rates for the period were reported from Base "E"; this was due to an outbreak of dengue, a disease with a very short hospitalization period. A high rate for common respiratory diseases was reported in Base 4 and an extremely high admission rate was reported in Base 1 due to an outbreak of diarrhea in this area. The health of the command as a whole remained excellent.

EVACUATIONS

Neuropsychiatric diseases continued to be the most important cause of evacuation to the United States; over 40% of all evacuations for the month of April were due to these conditions. The rate for evacuations for psychoses in this theatre has not shown a significant variation since the beginning of evacuations in 1942. The ratio of psychotic patients to the total evacuations has remained constant. For the month of April 1944 the evacuation rate for psychoneurotic diseases was 6.62. (This does not indicate a decline in the importance of psychoneurosis cases as a cause of evacuation but indicates a decline in the evacuation rate for the theatre).

Next in importance to neuropsychiatric diseases as a cause of evacuation were non-battle injuries.

There was a slight increase in the actual number of evacuations to the United States for the month of April but the total was still below estimates based upon 1943 experience. A number of patients are awaiting boarding and evacuation but the number awaiting evacuation at the end of April was less than at the end of March. The number of evacuations from New Guinea to Australia declined 52%.

DEATHS

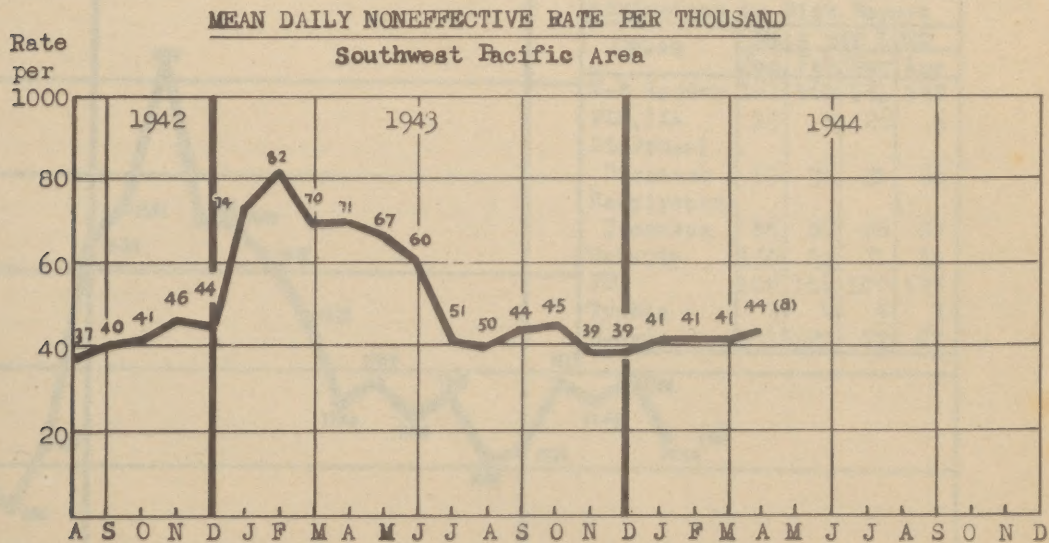
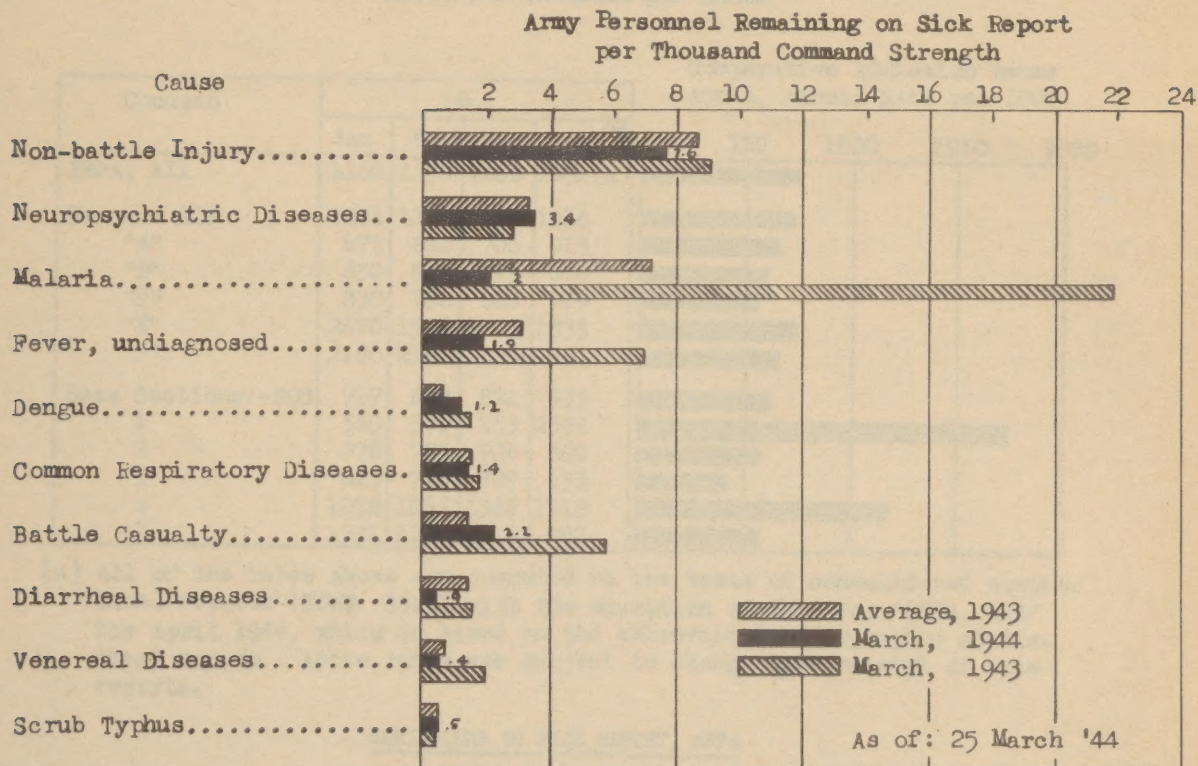
There was an increase in the death rate for all causes for the month of March. The increase was due to killed in action and deaths from wounds. There was an actual decrease in the number of deaths from disease. There was a marked increase in the number of deaths due to air transportation.

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LEADING CAUSES OF NONEFFECTIVENESS - MARCH, 1944

(Based on Reported Conditions)



(a) Estimated, in that this rate is based on Abbreviated (Radiographic) Weekly Statistical Reports.

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As of: 25 May

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ADMISSIONS TO SICK REPORT Disease and Non-Battle Injuries Rates per Thousand per Annum

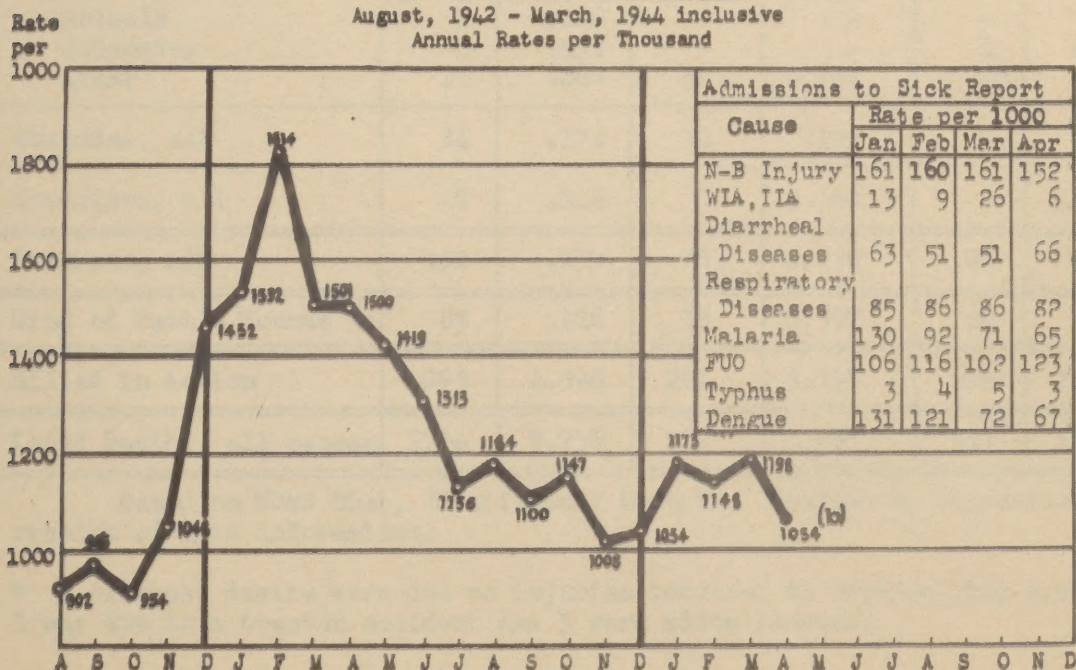
Comparative Admission Rates
April, Annual Rate per 1000

Command	1944				Comparative Numerical Rates April, Annual Rate per 1000			
	Jan	Feb	Mar	Apr ^(a)	750	1500	2250	3000
SWPA, All	1160	1138	1166	1054(a)				
Bases:- SOS	1226	1198	998	1016				
"A"	677	886	706	915				
"B"	850	855	899	870				
"D"	830	790	600	779				
"E"	2670	1776	1903	1835				
"F"	2180	2182	1230	952				
Base Sections:-SOS	939	855	824	935				
1	560	374	555	2559				
2	778	785	906	840				
3	825	723	709	653				
4	1078	1862	1362	1718				
7	1331	1218	1063	882				

(a) All of the rates above are computed on the basis of consolidated statistical reports (WDMD 86ab) with the exception of that for "SWPA, All" for April 1944, which is based on the abbreviated radiographic statistical report. Above rates are subject to change upon receipt of late reports.

ADMISSIONS TO SICK REPORT, SWPA

August, 1942 - March, 1944 inclusive
Annual Rates per Thousand



(b) Based on abbreviated radiographic statistical report.

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As of: 1 May '44

SECRETDEATHS BY CAUSES, SWPA

Total, 1943; 1944 thru March; and March, 1944

Absolute Numbers and Crude Annual Rates per Thousand

Cause	1943		1944 thru March		March, 1944	
	Number	Rate per 1000	Number	Rate per 1000	Number	Rate per 1000
Non-battle injury, all	574	2.943	199	2.393	134	4.356
Accidents, all	531	2.722	178	2.141	125	4.063
Automobiles	60	.308	27	0.325	10	0.325
Street cars	1	.005	1	0.012	-	-
Motorcycles	4	.021	-	-	-	-
Railroad	12	.062	2	0.024	-	-
Air Transportation	289	1.489	36	0.433	68	2.210
Water Transportation	4	.021	-	-	2	0.065
Drowning	46	.236	37	0.445	17	0.553
Burns	14	.072	13	0.156	7	0.228
Falls	15	.077	-	-	2	0.065
Firearms	57	.292	5	0.060	7	0.228
Electrocution	4	.021	5	0.060	1	0.033
Animals	2	.010	-	-	-	-
Poisoning	6	.031	-	-	1	0.033
Other	17	.087	52	0.625	10*	0.325
Suicides, all	34	.174	16	0.192	4	0.130
Homicides, all	9	.046	5	0.060	5	0.163
Diseases, all	152	.779	78	0.938	26	0.845
Died of Battle Wounds	83	.426	33	0.397	69	2.243
Killed in Action	895	4.598	261	3.139	328	10.661
Total Deaths, all causes	1704	8.736	571	6.867	557	18.105

Based on WDMD 86ab, "Statistical Report"; subject to correction on receipt of late information.

* 3 of these deaths were due to injuries incurred in tree-felling operations, 1 was due to a tractor accident and 5 were miscellaneous.

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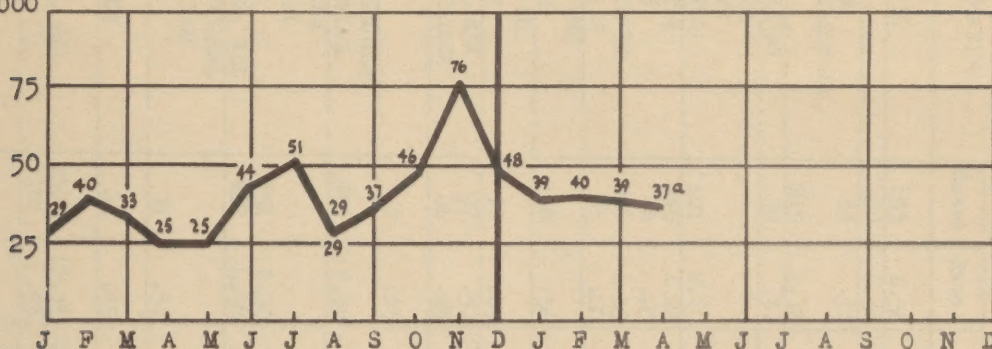
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MEDICAL EVACUATIONS, SWPA TO UNITED STATES

January, 1943 - April, 1944, Inclusive

Rates per Thousand per Annum

Rate
per
1000

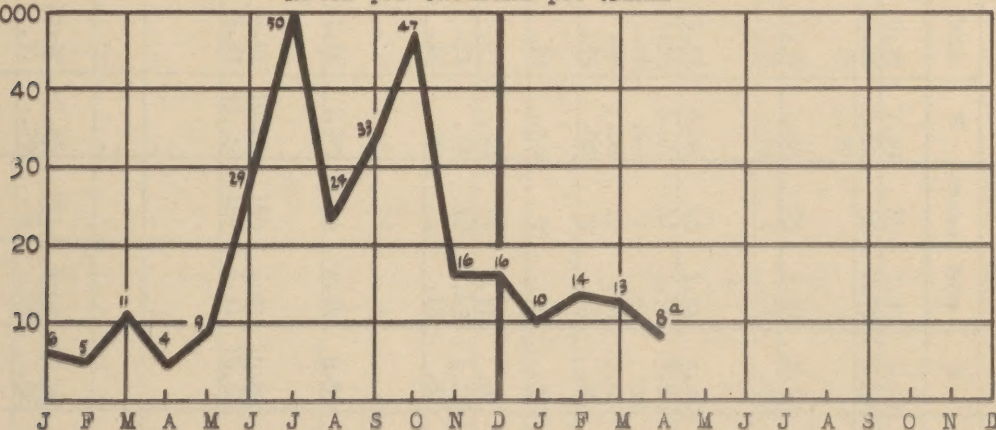


MEDICAL EVACUATIONS, (BOARDED) AWAITING EVACUATION TO UNITED STATES

January, 1943 - April, 1944, Inclusive

Rates per Thousand per Annum

Rate
per
1000

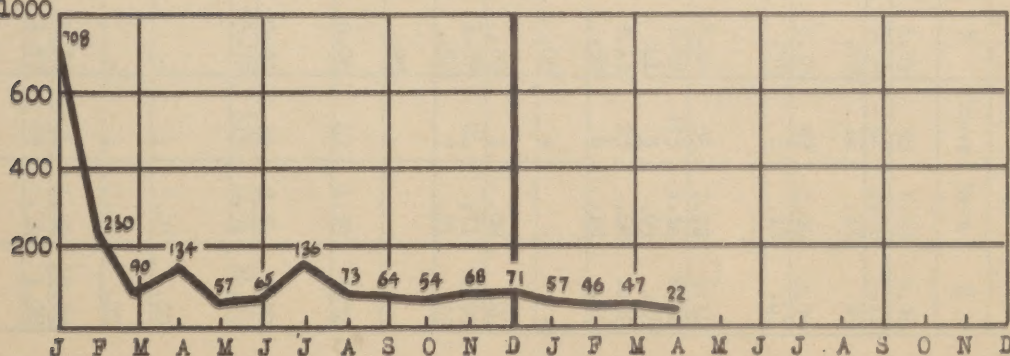


MEDICAL EVACUATIONS, NEW GUINEA TO AUSTRALIA

January, 1943 - April, 1944, Inclusive

Rates per Thousand per Annum^a

Rate
per
1000



(a) Based on Station-List Strengths

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MEDICAL EVACUATIONS BY CAUSE - SUB A TO UNITED STATES

Total 1943 - and by Months 1944

Absolute Numbers and Rates per Thousand per Annum

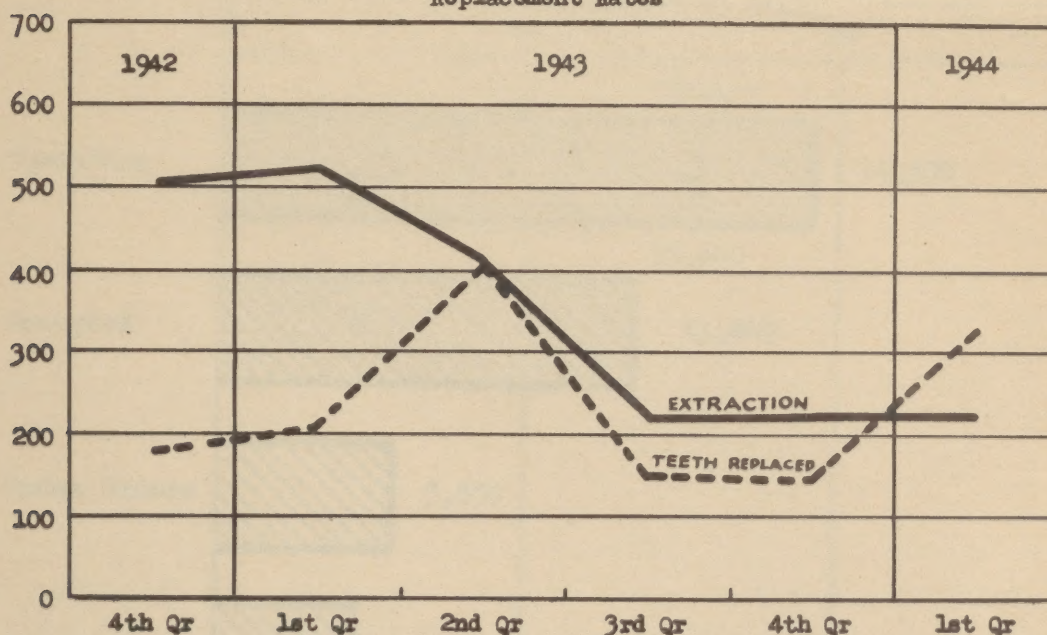
CAUSE OF EVACUATION	191366				311068				317547				369179				406223			
	Year 1943				January				February				March				April			
	Cases	Rate	%		Cases	Rate	%		Cases	Rate	%		Cases	Rate	%		Cases	Rate	%	
ARTHRITIS	493	2.58	5.94		72	2.78	7.09		49	1.95	4.59		45	1.46	3.73		50	1.48	3.96	
ASTHMA	480	2.51	5.79		99	2.28	5.81		58	2.19	5.43		68	2.21	5.64		52	1.54	4.11	
IDIOPATHIC	31	.16	.37		6	.23	.59		-	-	-		10	.33	.83		12	.35	.95	
CARDIO-VASCULAR	215	1.12	2.59		13	.50	1.28		23	.87	2.15		38	1.23	3.15		37	1.09	2.93	
OTHER	59	.31	.71		6	.23	.59		1	.04	.09		7	.23	.58		6	.18	.47	
HYPERTENSION																				
DEFECT OR DEFORMITY (NON-MENTAL)	401	2.10	4.83		92	3.55	9.06		40	1.51	3.75		48	1.56	3.98		65	1.92	5.14	
DERMATITIS	236	1.23	2.85		35	1.35	3.14		41	1.55	3.84		92	2.99	7.63		113	3.34	8.94	
DIABETES	38	.20	.46		1	.04	.10		1	.04	.09		5	.15	.41		3	.09	.24	
PEPTIC ULCER	286	1.49	3.45		12	.46	1.18		16	.60	1.50		26	.85	2.16		23	.68	1.82	
FILARIASIS	38	.20	.46		10	.39	.98		9	.34	.84		7	.23	.58		4	.12	.32	
MALARIA AND SEQUELAE	108	.56	1.30		3	.12	.30		9	.34	.84		1	.03	.08		-	-	-	
TYPHUS AND SEQUELAE	17	.09	.20		6	.23	.59		3	.11	.28		1	.03	.08		3	.09	.24	
TUBERCULOSIS	97	.51	1.17		8	.31	.79		12	.45	1.12		24	.78	1.99		24	.71	1.90	
NEUROSYPHILIS	44	.23	.53		3	.12	.30		4	.15	.37		6	.20	.50		7	.21	.55	
OTHER																				
VENERAL	9	.05	.11		-	-	-		-	-	-		1	.03	.08		-	-	-	
BATTLE CASUALTY AND SEQUELAE	551	2.88	6.64		29	1.12	2.85		16	1.74	4.31		49	1.59	4.06		47	1.39	3.72	
NON-BATTLE INJURY AND SEQUELAE	751	3.92	9.05		104	4.01	10.24		159	6.01	14.89		128	4.16	10.61		86	2.54	6.80	
PSYCHOSES, ALL	862	4.50	10.39		135	5.21	13.29		167	6.31	15.64		311	10.11	25.79		315	9.31	24.92	
CONSTITUTIONAL PSYCHOPATHIC STATES	70	.37	.84		-	-	-		-	-	-		-	-	-		1	.03	.08	
MENTAL DEFICIENCY	48	.25	.58		-	-	-		-	-	-		-	-	-		1	.03	.08	
PSYCHO-NEUROSES, ALL	2303	12.03	27.77		283	10.92	27.85		251	9.49	23.59		197	6.40	15.33		224	6.62	17.72	
EPILEPSY	101	.53	1.22		8	.31	.79		6	.23	.56		16	.52	1.33		25	.74	1.98	
ORGANIC NEUROLOGICAL	122	.64	1.47		12	.46	1.18		24	.91	2.25		21	.68	1.74		9	.27	.71	
OTHER CONDITIONS	934	4.88	11.26		119	4.59	11.71		119	5.43	13.95		105	3.44	8.71		157	4.64	12.42	
ALL	8294	43.34	100.00		1016	39.19	100.00		1068	40.36	100.00		1206	39.20	100.00		1264	37.34	100.00	
TOTAL																				

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DENTAL SERVICE SWPA

Analysis of Extraction Rates per 1,000 per annum as Compared with Prosthetic Replacement Rates



There has been a significant decrease in the number of teeth extracted per 1,000 per annum as symbolized by the above graph in averages for quarterly year periods. The number of teeth replaced by dentures and bridges varies throughout the period with a probable future increase as the first quarter of 1944 indicates.

An analysis of these facts may be interpreted to indicate that there is a reduced requirement to treat dental caries by the insertion of permanent fillings and that preventive measures are improving as indicated by the marked reduction in the necessity to extract teeth which are beyond repair. This has made it possible to deal more effectively with the problem of constructing dentures and bridges to replace missing teeth. Effort is constantly being made to increase this phase of the dental service. The establishing of additional dental laboratories and the receipt of an increased amount of equipment in recent weeks will permit a greater production. Although provision for prosthetic treatment has been almost entirely the responsibility of S.O.S. units heretofore, recent plans to supply Evacuation Hospitals with dental laboratory equipment, and to increase this type of service in Combat Divisions will place this kind of treatment in Task Force areas, and thereby tend to reduce the time factor until treatment becomes available after arrival of S.O.S. units.

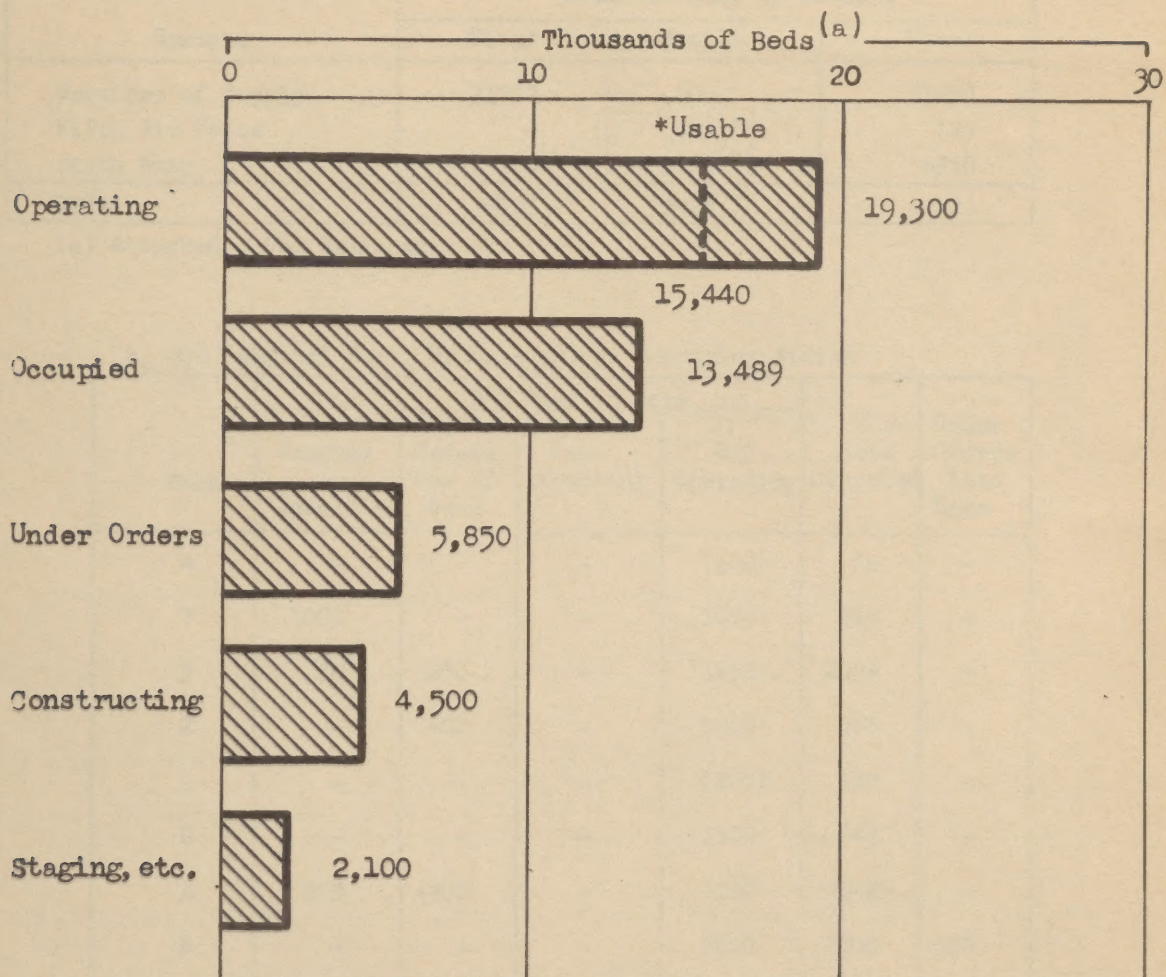
There was an average of six (6) teeth replaced by each partial denture in March, 1944.

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STATUS OF SOS HOSPITALS

19 May, 1944



*The term "Usable" represents the average limit of normal utilization of hospital beds without overcrowding, since at any one time about 20% of the available beds cannot be used because of the importance of maintaining specialized wards: e.g., for women, patients suffering from contagious and infectious diseases, and the like.

(a) Includes both fixed and mobile beds.

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As of: 19 May '44

SECRETSTATUS OF HOSPITAL BEDS, SWPA

a. Summary

Command	Hospital Beds in Theatre		
	Fixed	Mobile	Total
Services of Supply	31750	100	31850
Fifth Air Force	-	125 ^(a)	125
Sixth Army	3150 ^(a)	3700 ^(b)	6850
TOTAL	34900	3925	38825

(a) Attached (b) Assigned

b. SOS Hospital Beds, By Base and by Operating Status

Base	SOS Beds in Base				Beds Occupied	Under Orders Into Base
	Staging or Inactive	Under Orders Out of Base	Constructing	T/O Operating		
4	-	-	-	(100)	56	-
7	1000	-	-	1000	686	-
3	50	250	-	3250	2034	-
2	-	400	-	1350	750	-
1	-	-	-	(200)	119	-
D	-	-	-	1500	643	-
A	850	4300	-	4250	3248	-
B	-	-	-	2100	1000	500
E	-	400	1500	1250	1744	-
F	-	-	3000	4300	3209	-
Kiriwina	-	500	-	-	-	-
Q	-	-	-	-	-	5350
Ships	200	-	-	-	-	-
TOTALS	2100	5850	4500	19300	13489	5850

Beds in () are not in the line of evacuation.

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As of: 19 May 1944

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MALARIA IN SELECTED BASES

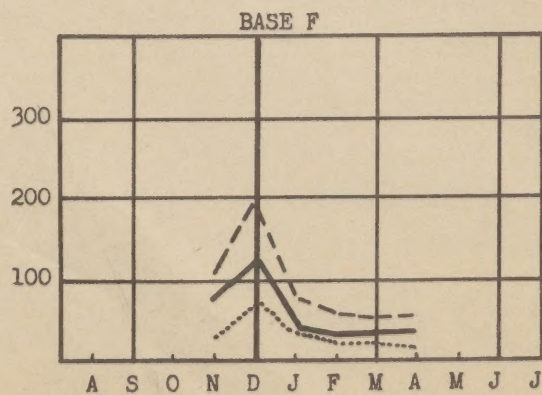
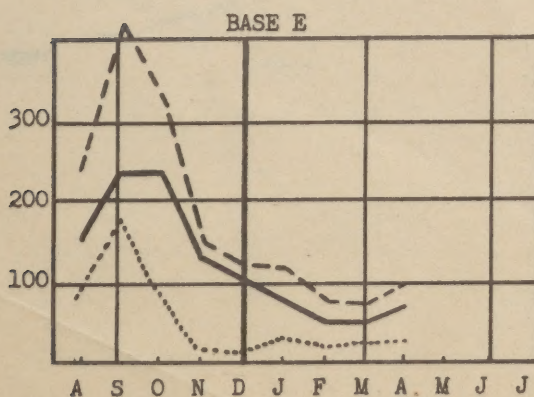
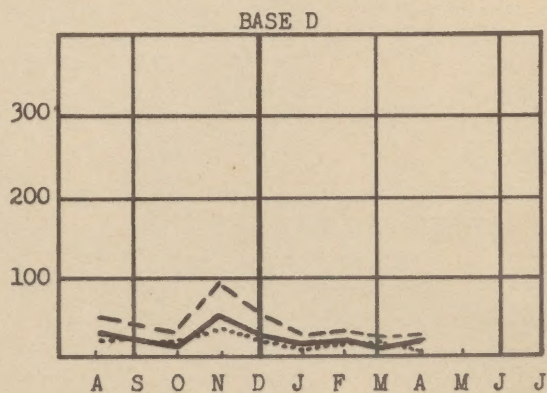
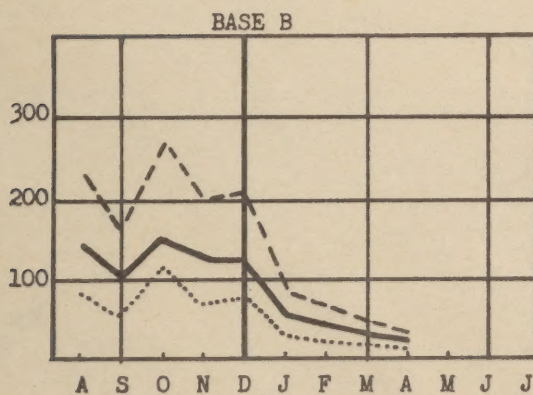
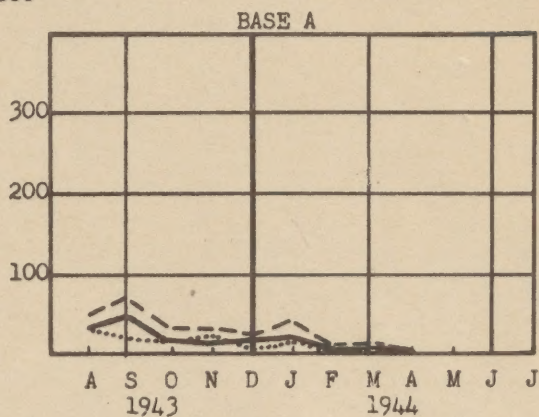
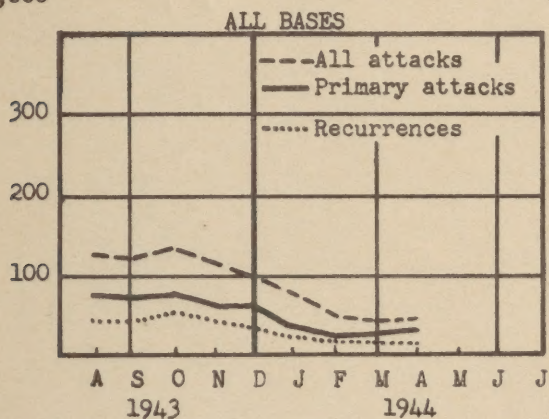
August, 1943 - April, 1944

Rates per Thousand per Annum

(Based on Malaria Case Report Cards and Station-List Strengths)

Rate/
1,000

Rate/
1,000

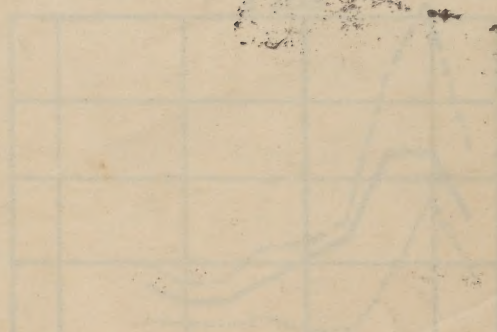
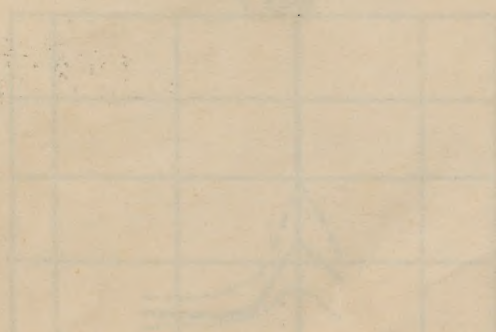
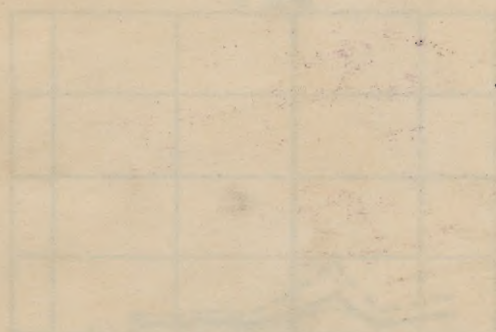
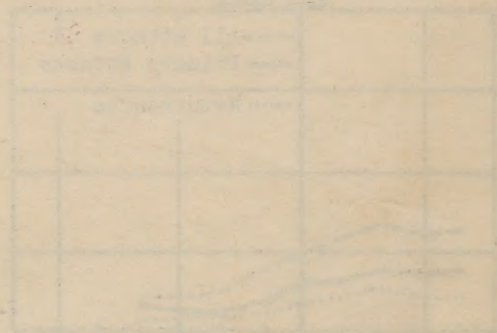
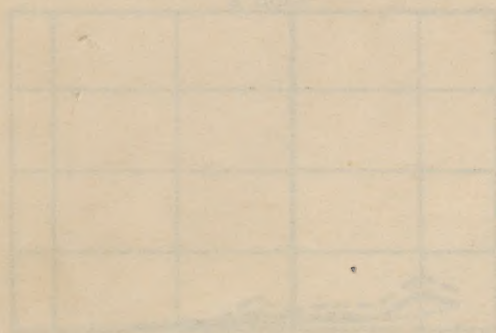


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